Figures

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130

Vrst

Pixel Amp

RST-C 105

RST-D 118

110

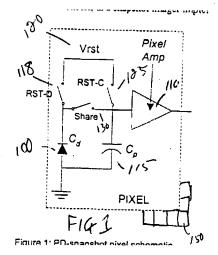Share 130

100 C_d
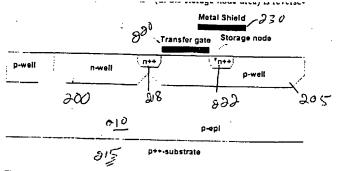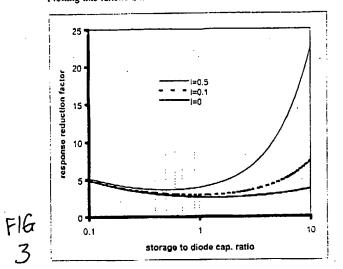
C_p 115

PIXEL

150

FIG 1

Figure 1: PD-snapshot pixel schematic

Figure 2: PD-snapshot pixel cross-section

Plotting this function, it can be observed that the noise increase over a

FIG
3

The figure plots response reduction factor (y-axis, 0 to 25) versus storage to diode cap. ratio (x-axis, 0.1 to 10, logarithmic). Three curves are shown: I=0.5 (solid), I=0.1 (dashed), I=0 (solid).